

ABSTRACT OF THE DISCLOSURE

Embodiments of the present invention are directed to a method and apparatus for providing an iteration operator for an object instance in a dynamically typed language. In

5 one embodiment, a class provides a special operator which produces values which can be iterated through. In one embodiment, a class provides a foreach operator. When the

foreach operator is called for an instance of a class, a list of values are returned. In one embodiment, when a foreach statement encounters an instance of a class where the

statement expects a list of values to iterate through, the statement calls the foreach

10 operator of the class and iterates through the returned values. In one embodiment, a class

provides a special operator which defines how an instance of the class is incremented. In

another embodiment, a class provides a special operator which defines how an instance of the class is decremented.